

## REMARKS:

5 In the Office Action, the Examiner noted that the application lacked a priority claim to the PCT and previously filed provisional applications. Applicants have added a priority claim to the application.

10 In the Office Action, the Examiner objected to a number of informalities in the application. Applicants have amended the application to remove these informalities.

15 In the Office Action, the Examiner objected to a number of informalities in claims 1 and 10. Applicants have amended the claims to remove these informalities.

20 In the Office Action, the Examiner rejected Claims 1-16 under 35 USC 103(a) as being unpatentable over U.S. Patents 4,325,817 (Bartholic), 5,043,517 (Haddad), and 5,002,915 (Harandi).

25 Applicants respectfully submit that Claim 1 recites "A process for combusting coke of a coke-containing fluid catalytic cracking (FCC) catalyst in a regeneration unit of a FCC unit comprising the introduction of oxygen-containing gas through a gas transport unit into the regeneration unit and combusting the coke with an oxygen-containing gas, wherein the oxygen-containing gas is cooled in a cooling unit to a temperature below the dew point of water present in the gas thereby giving condensation of water, wherein the condensed water is separated from the gas before it is brought in contact with the coke-containing FCC catalyst." (emphasis added)

30 As the Examiner stated, Bartholic teaches cooling a flue gas generated from the regeneration of the catalyst, " ... to a heat exchanger 19 where the gaseous products of combustion are cooled ..." (Bartholic, Col. 7, lines 54-60).

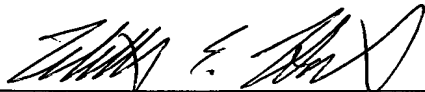
Applicants respectfully submit that Bartholic does not teach or suggest the desirability of cooling an oxygen containing gas to cool the temperature of the

regeneration or of removing water from the oxygen containing gas. In fact, Bartholic teaches against lowering the temperature of regeneration, and teaches increasing the temperature of regeneration, "The regenerator ... is preferably designed and operated for ... maximum temperature of regeneration." (Bartholic,  
5 Col. 7, lines 21-25).

Applicants respectfully submit that neither Haddad nor Harandi remedy the defects of Bartholic listed above. Applicants respectfully request that the Examiner withdraw the rejection to claims 1-16.

10 Respectfully submitted,

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